

physical condition. Medical modalities used in radiology include data acquisition equipment for magnetic resonance imaging (MRI), computed tomography (CT), ultrasound (US), nuclear medicine (NM) and digitized radiography (DR), computer radiography (CR) and digital fluorography. Other modalities include photographic devices such as high resolution digital cameras; sound capture interfaces such as verbal dictation interfaces, Sound Blaster™ interfaces, and the like; video capture interfaces such as Snappy® brand parallel port video capture devices; flatbed scanners and especially Twain compliant acquisition devices such as Visioneer Paperport®. Still other modalities are for angiography, radiography, endoscopy, microscopy, physical exams and waveform devices to collect EEG and/or ECG data, such as from Hewlett Packard Corporation of Palo Alto, CA and American Medical Devices Corporation of Lowell, MA. In addition, the present invention anticipates other modalities and all of the aforementioned modalities are by way of example, and are not intended to limit the choices that are or may become available in the art. The data may be captured by such devices with assistance of specialized software, such as the plugin or ActiveX control technologies, as described, for example, in copending patent application, U.S. Serial No. 09/199,611, filed November 25, 1998, entitled MEDICAL NETWORK SYSTEM AND METHOD FOR TRANSFER OF INFORMATION.

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Please substitute the paragraph beginning on page 20, line 5 (i.e., the first full paragraph on page 20) with the following paragraph:

The processing unit may attach headers to the packets in accordance with IPSec. Where authentication is provided by the transmitter, the header of a protocol, Authentication Header (AH), is attached to the packet. AH is described in RFC 1826. In one preferred embodiment, both authentication and encryption are provided by a

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header for the protocol, Encapsulating Security Payload (ESP). ESP is described in RFC 1827. Both RFC 1826 and RFC 1827 are updated in RFC 2402 and RFC 2406 respectively.
